

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)**Complete if Known**

Application Number	09/547,561
Filing Date	04/12/00
First Named Inventor	Gaetan L. Mathieu, et al.
Examiner Name	Gilman, A.
Group Art Unit	2833
Attorney Docket Number	3401P098

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **02-2666**Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

- ☒
- Charge Any Additional Fee Required Under 37CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. FILING FEE**

Large	Entity	Small	Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)						
101	740	201	370					Utility filing fee	
106	330	206	165					Design filing fee	
107	510	207	255					Plant filing fee	
108	740	208	370					Reissue filing fee	
114	160	214	80					Provisional filing fee	

SUBTOTAL (1) (\$)**2. CLAIMS**

Total Claims	Extra	Fee from below	Fee Paid
82			
4			

Multiple Dependent Claims

Large	Entity	Small	Entity	Fee	Fee	Fee	Fee	Fee Description
Code	(\$)	Code	(\$)					
103	18	203	9					Claims in excess of 20
102	84	202	42					Independent claims in excess of 3
104	280	204	140					Multiple Dependent claim
109	84	209	42					Reissue independent claims over original patent
110	18	210	9					Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

*or number previously paid, if greater. For Policies, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEE**

Large	Entity	Small	Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)						
105	130	205	65					Surcharge - late filing fee or oath	
127	50	227	25					Surcharge - late provisional filing fee or cover sheet	
139	130	139	130					Non-English specification	
147	2,520	147	2,520					For filing a request for ex parte reexamination	
112	920	112	920					Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840					Requesting publication of SIR after Examiner action	
115	110	215	55					Extension for response within first month	
116	400	216	200					Extension for response within second month	
117	920	217	460					Extension for response within third month	
118	1,440	218	720					Extension for response within fourth month	
128	1,960	228	980					Extension for response within fifth month	
119	320	219	160					Notice of Appeal	
120	320	220	160					Filing a brief in support of an appeal	
121	280	221	140					Request for oral hearing	
138	1,510	138	1,510					Petition to institute a public use proceeding	
140	110	240	55					Petition to revive - unavoidably	
141	1,280	241	640					Petition to revive - unintentionally	
142	1,280	242	640					Utility issue fee (or reissue)	
143	460	243	230					Design issue fee	
144	620	244	310					Plant issue fee	
122	130	122	130					Petitions to the Commissioner	
123	50	123	50					Petitions related to provisional applications	
126	180	126	180					Submission of Information Disclosure Stmt	
581	40	581	40					Recording each patent assignment per property (times number of properties)	
146	740	246	370					Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370					For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370					Request for Continued Examination (RCE)	
169	900	169	900					Request for expedited examination of a design application	

Other fee (specify)

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee Paid

SUBMITTED BYTyped or Printed Name **William Thomas Babbitt, Reg. No. 39,591**

Signature

William T. Babbitt

Date

12/13/2001

Complete (if applicable)

Reg. Number

Deposit Account User ID

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PTO/SI/21(08/00)

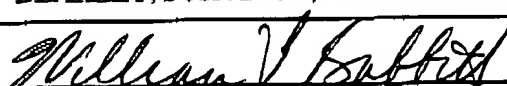
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/547,561	
	Filing Date	April 12, 2000	
	First Named Inventor	Gaetan L. Mathieu	
	Group Art Unit	2833	
	Examiner Name	Gilman, A.	
Total Number of Pages In This Submission	8	Attorney Docket Number	3401P098

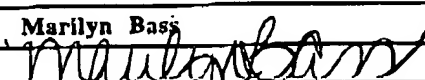
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div>Return Receipt Postcard</div>
<input checked="" type="checkbox"/> Amendment / Response <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	William Thomas Babbitt, Reg. No. 39,591 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
Signature	
Date	December 13, 2001

CERTIFICATE OF MAILING (OR TRANSMISSION)

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Signature			

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Date: 1/14/02 Time: _____
Total Number of Pages, Including Cover Sheet: 9
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003401, P098
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Gaetan L. Mathieu, et al.

Serial No.: 09/547,561

Filed: April 12, 2000

For: SHAPED SPRING

Examiner: Gilman, A.

Art Unit: 2833

#5
1-15-02
JUNThis letter
is a duplicate
ofRESPONSE TO FINAL OFFICE ACTIONBox After Final
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Final Office Action mailed on October 16, 2001, Applicants respectfully request consideration of the remarks which follow.

REMARKS

Claims 1-82 were examined. Claims 1-82 remain in the Application.

The Patent Office rejects claims 1-6 under 35 U.S.C. §102(e). The Patent Office rejects claims 1-6, 8-11, 14-15, 18-28, 30-32, 35, 38-44, 48-51, 55-59, 61-63, 66, and 69-79 under 35 U.S.C. §102(b). The Patent Office rejects claims 7, 12-13, 16-17, 29, 33-34, 36-37, 45, 47, 52-54, 60, 64-65, 67-68 and 80-82 under 35 U.S.C. §103(a). Reconsideration of the claim rejections is respectfully requested in view of the following remarks.

A. 35 U.S.C. §102(e): Rejection of Claims 1-6

The Patent Office rejects claims 1-6 under 35 U.S.C. §102(e) as anticipated by U.S. Patent 6,150,186 issued to Chen et al. (Chen). As in their previous response, Applicants again submit that claim 1 is not anticipated by Chen, because Chen does not describe an interconnection element including a first element material and a second element material, in which one of the materials comprises a material having a transformable property such that, upon transformation, a shape of the interconnection element is modified. More specifically, according to one embodiment in Chen,